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Cover picture: $CD4^-CD8^-$ double negative (DN) T cells from MRL/lpr mice express CXC chemokine receptor 5 (CXCR5), respond to B lymphocyte chemoattractant (BLC), and migrate to the edges of B cell follicles in secondary lymphoid organs of adoptive transfer recipients. The image shows the localization of transferred DN T cells (green) in the spleen. Follicles are visualized as dark areas bounded by the T cell zone (red-orange) and the marginal zone (blue). These data establish that T cells can acquire the intrinsic ability to home to B cell follicles, and imply that activation-induced reprogramming of lymphoid chemokine responses helps direct critical changes in T cell homing during an immune response. See related article in this issue by Ansel et al., pp. 1123–1134.

Brief Definitive Reports

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